

Amendments to the Specification

On page 4, please amend the text appearing on line 3 as follows:

c) of a posterior marker[.].

Fig. 4 shows a magnetic resonance imaging system.

On page 8 please amend the paragraph beginning on line 30 and continuing to page 9, line 10 as follows:

[[The]] With reference to FIGURE 4, the invention can be advantageously utilized in practice by first performing the acquisition of the magnetic resonance images using a magnetic resonance imager 20 with a patient table, patient bed or other patient support means 22 which can be translated or shifted relative to the isocenter 24 of the magnetic field. Fiducial markers, otherwise known as external markers or surface markers, are placed on the surface of the patient. The patient is positioned on the patient table or other support means and positioned for the initial image. This may be the image acquired with the lesion, or region of interest, positioned close to the isocenter of the magnetic field, or at least positioned in the FOV^{opt}, or optimal field of view, of the magnetic field. This initial image is acquired. The position of the patient is then shifted, or displaced, to another position in which one of the fiducial markers is positioned close to the isocenter of the magnetic field, or at least positioned in the FOV^{opt}. The second image is then acquired. Further shifts are performed and further images are acquired until all fiducial markers and the region of interest, or lesion, are represented in a FOV^{opt} of an image. It will be obvious to those skilled in the art that the order in which the images are taken is immaterial.

On page 9, please amend the paragraph spanning lines 11-16 as follows:

Following imaging the acquired images are used to form an image suitable for radiotherapy planning using the other steps of the method of the invention. The formation of such an image may take place at the controls of the magnetic resonance imager, or make take place on a separate work station 26 or may also take place in a radiotherapy treatment planning system or workstation 28. Once a suitable image is formed it is used for radiotherapy treatment planning using known treatment planning techniques.